

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837
API Number 30-015-30852		
Property Code 25116 <i>34804</i>	Property Name Marlin State	Well No. 1

RECEIVED
APR 10 2005
OOD-ARTESIA

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	16S	31E		1500	South	1800	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Grayburg Jackson SR Q G SA					Proposed Pool 2				

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
E	O	R	S	4379'
Multiple	Proposed Depth	Formation	Contractor	Spud Date
No	4500	GB/SA		4/30/2005

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4	11 3/4	42	550	350	Circulated
11	8 5/8	32	4500	2200	Circulated
7 7/8	N/A	N/A	N/A	N/A	N/A

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy Corporation proposes to Re-enter the formerly Texmack 24 State Com #1 now Marlin State #1 to a depth of 4500' log well and evaluate the GB/SA formation, attempt to produce. Put well on production.

Well will be drilled out and completed using steel tanks. No pits will be dug at this well location.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature <i>Jerry W. Sherrell</i>		OIL CONSERVATION DIVISION	
Printed name: Jerry W. Sherrell		Approval by: TIM W. GUM	
Title: Production Clerk		Title: DISTRICT II SUPERVISOR	
Date: 4/18/2005		Approval Date: MAY 20 2005 Expiration Date: MAY 20 2006	
Phone: (505)748-1288		Conditions of Approval: Attached <input type="checkbox"/> <i>NSC - 5200</i>	

DISTRICT I
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II
P. O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 N. Brazos Rd., Aztec, NM 87410

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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Revised February 10, 1994

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State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-30852		2 Pool Code 28509		3 Pool Name Grayburg Jackson SR-Q-G-SA	
4 Property Code		5 Property Name Marlin State			6 Well Number 1
7 Tract No. 013837		8 Operator Name Mack Energy Corporation			9 Elevation 4379'
10 Surface Location					
UL or lot no. J	Section 24	Township 16-S	Range 31-E	Lot Idn	Feet from the North/South line 1500
				Feet from the East/West line 1800	County Eddy
11 Bottom Hole Location If Different From Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line
				Feet from the East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code	
15 Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.

	<p>16 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>Jerry W. Sherrell</i></p> <p>Printed Name: Jerry W. Sherrell</p> <p>Position: Production Clerk</p> <p>Company: Mack Energy Corp.</p> <p>Date: 4/18/2005</p>
	<p>17 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed: November 17, 1999</p> <p>Signature & Seal of Professional Surveyor: <i>John S. Piper</i></p> <p>Certificate No.: 7254 John S. Piper</p>
	<p>Sheet 1 of 1</p>
	<p>Legend:</p> <p>○ = Staked Location ● = Producing Well ◆ = Injection Well ◇ = Water Supply Well ✖ = Plugged & Abandon Well</p> <p>⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.</p>

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 693028.94		Easting 698756.22	
Latitude 32°54'14.76"		Longitude 103°49'13.50"	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.9997675	Texmack6.cr5
Drawing File		Field Book	
Eddy County 7 Pg. 31			